

FY04  
*NREL Performance Measures*

December 11, 2003

# Critical Outcome 1.0 - Science and Technology

## Critical Outcome

## Performance Objectives

## Performance Indicators

1.0

**Science and Technology**  
MRI will deliver high quality scientific and technological outcomes that advance DOE priorities and Program objectives.

1.1

Demonstrate the quality of scientific and technological outcomes.

- PI 1.1.1 Results of external and peer reviews validate the quality and impact of programmatic technical and/or analytical outcomes.
- PI 1.1.2 External recognition focused on NREL's technical and/or analytical work and outcomes: a) external awards and recognition; b) peer reviewed publications, and c) number of patents awarded.

1.2

Demonstrate excellence in program planning and management, producing S&T accomplishments that advance DOE and program objectives.

- PI 1.2.1 Effective partnering and communication occurs between NREL and DOE program managers as acknowledged by program managers.
- PI 1.2.2 Program planning activities result in sound technical plans and well developed, longer-term program directions as acknowledged by customers/stakeholders and peer and other reviews.
- PI 1.2.3 Project management performance as measured against key milestones, budgets, subcontracting goals and other commitments as negotiated and represented in approved AOPs.
- PI 1.2.4 Programs and projects produce significant research and development accomplishments that positively impact the advancement of DOE missions and program goals.

1.3

Enhance market impacts of EERE technologies through technology transfer.

- PI 1.3.1 Private sector partnerships have been developed to commercialize NREL technologies.
- PI 1.3.2 Barriers to the use of NREL technologies are removed.



# Critical Outcome 2.0 - Leadership

## Critical Outcome

## Performance Objectives

## Performance Indicators

2.0

### Leadership

MRI will lead NREL as an FFRDC to create opportunities that significantly advance the EERE mission while enhancing NREL's role as a recognized national and international asset.

2.1

Demonstrate leadership in developing new opportunities for NREL.

2.2

Provide leadership in establishing and implementing the systems integration function for EERE.

- PI 2.1.1 Ideas, analysis, and other input from NREL impacts/influences the strategic direction of DOE program or business strategies as acknowledged by customers, stakeholders, reviews.
- PI 2.1.2 Participation in technical and other forums influences national priorities, policy, or program directions.
- PI 2.1.3 TPA projects are established, conducted, or expanded; providing opportunities to advance EERE goals and objectives.

- PI 2.2.1 The preliminary systems integration foundation is established and reviewed externally.
- PI 2.2.2 The first version of the integrated baseline for the DOE Hydrogen Program is developed and validated.



# Critical Outcome 3.0 - Technical and Scientific Viability

## Critical Outcome

## Performance Objective

## Performance Indicators

3.0

### Technical and Scientific Viability

MRI will ensure the long-term viability of the Laboratory by building and enhancing NREL's technical capabilities

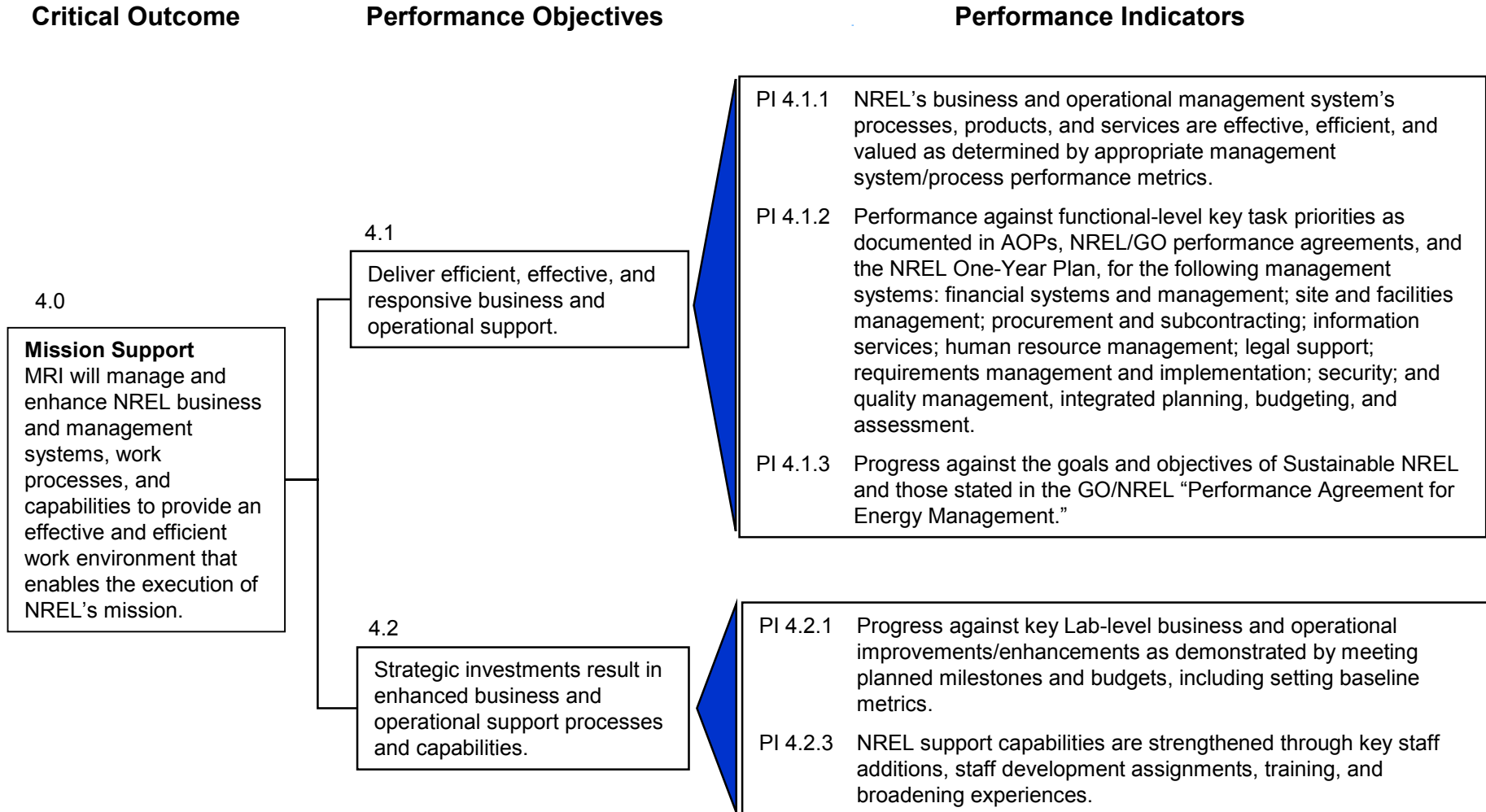
3.1

Build, enhance, and sustain NREL's scientific, engineering and analytic capabilities.

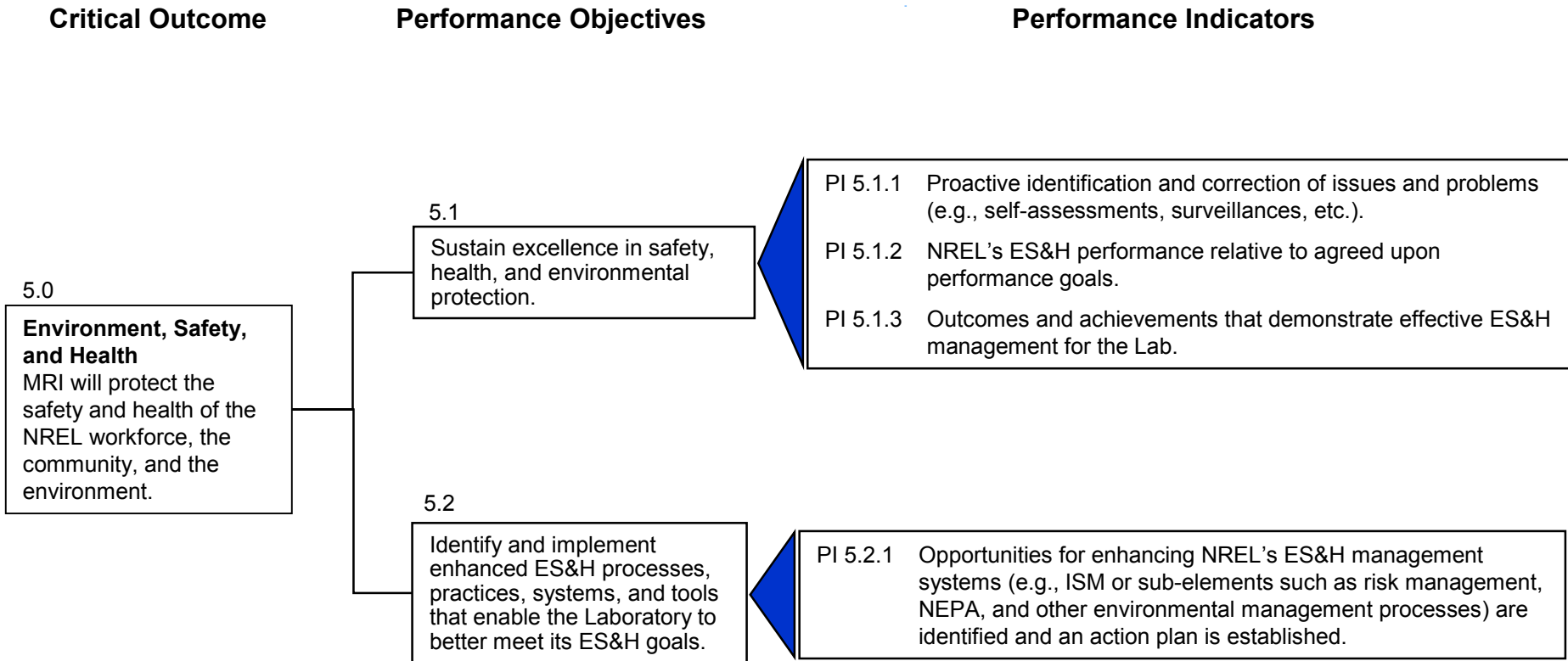
PI 3.1.1 NREL technical capabilities are enhanced to effectively provide for long-term program needs and the Laboratory's sustainability and environmental goals. (e.g., staff, facilities, equipment, and discovery that enable science and technology work at NREL):

- Leadership and staff expertise: strategic hires, key staff additions, staff development assignments, training, and experiences
- Facility capabilities: enhancements to, and/or completed milestones in constructing/operating new facilities that represent added capability
- Equipment: enhancement and/or addition of scientific equipment
- DDRD investments and outcomes: new concepts/discovery/capability building

# Critical Outcome 4.0 - Mission Support



# Critical Outcome 5.0 - Environment, Safety, and Health



# Critical Outcome 6.0 - Outreach and Stakeholder Relations

